

ABSTRACT OF THE DISCLOSURE

A computer-implemented method, system and computer program product for demanding a data link resource in a communications network, including calculating an unsatisfied demand (UD) value for the data link resource at a terminal and transmitting the calculated UD value over the data link from the terminal to a base station at a time uncorrelated with a time at which new demand for the data link resource is detected by the terminal. The UD value is calculated as $UD = NUM_RLC_BLK_UNSENT + NUM_RLC_BLK_NACK$, where $NUM_RLC_BLK_UNSENT$ is a number of radio link control (RLC) blocks not yet sent and $NUM_RLC_BLK_NACK$ is a number of RLC blocks negatively acknowledged by the base station. The UD value is received from the terminal at the base station over the data link. The base station calculates an imputed unsatisfied demand (IUD) value based on the received UD value and existing data link resources already allocated to the terminal and transmits the calculated IUD value to a data link resource scheduler.

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